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MAY 10 2001

PTC SB 01:10-001

Approved for use through 10/31/2002 C-MB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration
Submitted
with Initial
Filing

OR

☒ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

NOVT 100

First Named Inventor

Carsten Sjoeholm

COMPLETE IF KNOWN

Application Number

09 / 779,334

Filing Date

February 8, 2001

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

USE OF ACID-STABLE SUBTILISIN PROTEASES IN ANIMAL FEED

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

02/08/2001

as United States Application Number or PCT International

(if applicable).

Application Number

09/779,334

and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application
Number(s)

Country

Foreign Filing Date
(MM/DD/YYYY)

Priority
Not Claimed

Certified Copy Attached?
YES NO

2000 00200

DK

02/08/2000

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☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

Application Number(s)

Filing Date (MM/DD/YYYY)

60/183,135

02/17/2000

☐ Additional provisional application
numbers are listed on a
supplemental priority data sheet
PTO/SB/02B attached hereto

NOVT 100

NOVT/P23948US 11321/18

DECLARATION — Utility or Design Patent Application

Direct all correspondence to

Customer Number
or Bar Code LabelOR ☒

Correspondence address below

Name Patrea L. Pabst; Arnall Golden & Gregory, LLP

Address 2800 One Atlantic Center

Address 1201 West Peachtree Street

City Atlanta

State GA

ZIP 30309-3450

Country USA

Telephone (404) 873-8794

Fax (404) 873-8795

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventor

Given Name

Carsten

(first and middle [if any])

Family Name
or Surname

Sjoeholm

Inventor's
Signature

Date

Residence: City Alleroed

State

Denmark
Country

Citizenship DK

Mailing Address Alleroedvej 17

Mailing Address

City Alleroed

State

ZIP DK-3450

Country Denmark

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

Peter Rahbek

(first and middle [if any])

Family Name
or Surname

Oestergaard

Inventor's
Signature

Date

Residence: City Virum

State

Denmark
Country

Citizenship DK

Mailing Address Kvaedevej 111

Filed: February 8, 2001

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PTO SB 02A 11-001

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DECLARATION**ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 1 of 1**Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Anna-Marie

Kluenter

**Inventor's
Signature****Date****Residence: City** Loerrach**State****Country** Germany**Citizenship** DE**Mailing Address** Im Leh 2a**Mailing Address****City** Loerrach**State****ZIP** D-79541**Country** Germany**Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

**Inventor's
Signature****Date****Residence: City****State****Country****Citizenship****Mailing Address****Mailing Address****City****State****ZIP****Country****Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

**Inventor's
Signature****Date****Residence: City****State****Country****Citizenship****Mailing Address****Mailing Address**

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PTO SB 81-10-00

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U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/779,334
Filing Date	February 8, 2001
First Named Inventor	Carsten Sjoeholm
Group Art Unit	
Examiner Name	
Attorney Docket Number	NOVT 100

I hereby appoint:

☐ Practitioners at Customer Number →

Place Customer
Number Bar Code
Label here

OR

☒ Practitioner(s) named below:

Name	Registration Number
Patrea L. Pabst	31,284
Zhaoyang Li	46,872

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Patrea L. Pabst; Arnall Golden & Gregory, LLP				
Address	2800 One Atlantic Center				
Address	1201 West Peachtree Street				
City	Atlanta	State	GA	Zip	30309-3450
Country	USA				
Telephone	(404) 873-8794	Fax	(404) 873-8795		

I am the

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name F. Hoffmann-La Roche AG

*Total of _____ forms are submitted

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluentner
Application No./Patent No.: 09/779,334 Filed/Issue Date: February 8, 2001
Entitled: USE OF ACID-STABLE SUBTILISIN PROTEASES IN ANIMAL FEED
F. Hoffmann-La Roche AG, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet

- ☐ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

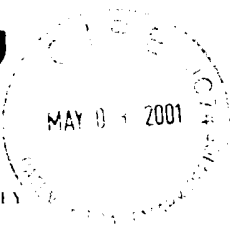
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee

March 28, 2001

Date

Typed or printed name

USPN 66,776,034
Filed February 8, 2001
TRANSMITTAL OF DECLARATION FOR
PATENT APPLICATION, POWER OF ATTORNEY
OR AUTHORIZATION OF AGENT, AND
STATEMENT UNDER 37 C.F.R. § 3.73(b)



CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this Transmittal of Declaration for Patent Application, Power of Attorney or Authorization of Agent, and Statement Under 37 C.F.R. § 3.73(b), together with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date shown below with sufficient postage as first-class mail in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231.

Chandra Russell

Chandra Russell

Date: April 27, 2001


ASSIGNMENT

We, Carsten Sjoeholm of Alleroedvej 17, DK-3450 Alleroed, DENMARK, Peter Rahbek Oestergaard of Kvaedevej 111, DK-2830 Virum, DENMARK, and Anna-Marie Kluenter of Im Leh 2a, Loerrach D-79541, GERMANY, in consideration of ten dollars and other valuable consideration paid to us by F. Hoffmann-La Roche AG, a corporation of SWITZERLAND, having its principal place of business at 124 Grenzacherstrasse, CH-4070 Basle, SWITZERLAND, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said F. Hoffmann-La Roche AG, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Use of Acid-Stable Subtilisin Proteases in Animal Feed*" described in U.S. Serial No. 09/779,334 filed in the United States Patent and Trademark Office on February 8, 2001, by Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter, which claims priority to foreign application Serial No. 2000 00200 filed in Denmark on February 8, 2000, and which claims priority to U.S. Provisional Application Serial No. 60/183,133 filed in the United States Patent and Trademark Office on February 17, 2000, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

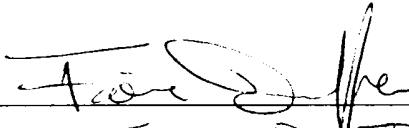
Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed"
By: Carsten Sjoeholm, Peter Rahbek Oestergaard,
and Anna-Marie Klunter
Filed: February 8, 2001
ASSIGNMENT

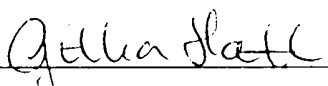
And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 21 day of March, 2001.


Carsten Sjoeholm


Witnesses:

1. Signed: 
Printed Name: Fiona DUFFNER
Address: Viumstræde 3, 2830 Vium
Denmark

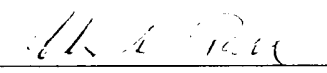

2. Signed: 
Printed Name: Gitte Hatt
Address: Tinggadesparken 33, Tune
4000 Roskilde

Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed"
By: Carsten Sjoeholm, Peter Rahbek Oestergaard,
and Anna-Marie Klunter
Filed: February 8, 2001
ASSIGNMENT

WITNESS my hand and seal this 22 day of march, 2001.

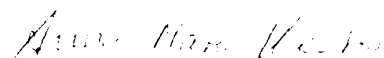

Peter Rahbek Oestergaard

Witnesses:

1. Signed: 
Printed Name: CHRISTINE PETERSEN
Address: OPNØSKEN 72 100
2300 HORSBØL
2. Signed: 
Printed Name: ASTRID MÆR MADSEN
Address: STENGÅRDSVEJ 74
2800 LYNGBY

Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed"
By: Carsten Sjöholm, Peter Rahbek Oestergaard,
and Anna-Marie Klünter
Filed: February 8, 2001
ASSIGNMENT

WITNESS my hand and seal this 28 day of March, 2001.



Anna-Marie Klünter

Witnesses:

1. Signed: 

Printed Name: VERONIQUE Vignanc

Address: 40 Rue de Buebach

68100 - MILLHOUSE FRANCE

2. Signed: 

Printed Name: Dr. Wolfgang Steinberg

Address: Tüllinger Str. 29

D-79539 Lörrach